



FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Complete If Known	
				Application Number	10/780,265
				Filing Date	2/16/2004
				First Named Inventor	Rudolph et al.
				Group Art Unit	Unknown
				Examiner Name	Unknown
				Attorney Docket Number	40534-926
1		of 1			

U. S. PATENT DOCUMENTS						
Examiner Initials	Document Number	Date	Name	Class	Sub-Class	Filing Date
HEA	5,904,957	5/18/1999	Christin et al.	427	248.1	4/17/1996
	5,853,485	12/29/98	Rudolph et al.	118	715	5/6/1997
	5,480,678	1/2/1996	Rudolph et al.	427	248.1	11/16/1994
	4,895,108	1/23/1990	Caputo et al.	118	728	6/22/1988
	4,790,052	12/13/1998	Olry	28	110	6/23/1986
	4,580,524	4/8/1986	Lackey, Jr. et al.	118	725	9/7/1984
	4,212,906	7/15/1980	Fisher et al.	427	237	9/19/1978
	4,134,360	1/16/1979	Fisher et al.	118	728	8/8/1977

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Document Number	Date	Country	Class	Sub-Class	TRNS Y/N

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
HEA	W. V. Kottensky; <i>Deposition of Pyrolytic Carbon in Porous Solids</i> ; Chemistry and Physics of Carbon, Vol. 9, 173, 190-203 (1973)
HEA	W. J. Lackey; <i>Review, Status, and Future of the Chemical Vapor Infiltration Process for Fabrication of Fiber-Reinforced Ceramic Composites</i> ; Ceram. Eng. Sci. Proc. 10[7-8] 577-584 (1989)
HEA	S. Kamura, N. Takase, S. Kasuya, & E. Yasuda; <i>Fracture Behaviour of C Fiber/CVD C Composite</i> ; Carbon '80 (German Ceramic Society) (1980)
HEA	A. J. Caputo & W. J. Lackey; <i>Fabrication of Fiber-Reinforced Ceramic Composites by Chemical Vapor Infiltration</i> ; Prepared by the Oak Ridge National Laboratory for the U. S. Department of Energy under Contract No. DE-AD05-84OR21400 (1984)
HEA	T. Hunh, C. V. Burkland, & B. Bustamante; <i>Densification of a Thick Disk Preform with Silicon Carbide Matrix by a CVI Process</i> ; Ceram. Eng. Proc 12[9-10] pp. 2005-2014 (1991)
HEA	T. M. Besmann, R. A. Lowden, D. P. Stinton, & T. L. Starr; <i>A Method for Rapid Chemical Vapor Infiltration of Ceramic Composites</i> , Journal De Physique, Colloque C5, supplement au n 5, Tome 50 (1989)
HEA	T. D. Gulden, J. L. Kaae, & K. P. Norton; <i>Forced-Flow Thermal Gradient Chemical Vapor Infiltration (CVI) of Ceramic Matrix Composites</i> ; Proc.-Electrochemical Society (1990), 90-112 (Proc. Int. Conf. Checm. Vap. Deposition, 11th, 1990) 546-552

Examiner Signature	/Howard Abramowitz/	Date Considered	05/10/2006
--------------------	---------------------	-----------------	------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.